

10510875

KB 1-21-10

Appl'n No.: 10/510,875

- 15 -

	Km (μ M)	Relative Vmax (%)	Km (μ M)	Relative Vmax (%)
PKB α	2	100	4	100
SGK1	4	105	4	100
MSK1	2	156	6	100
S6K1	6	124	8	100

C.

Enzyme	RRRLSFAEPG (SEQ ID No 4)		Standard Substrate	
	Km (μ M)	Relative Vmax (%)	Km (μ M)	Relative Vmax (%)
PKA	30	161	18	100
PKG	50	122	5	100
ROCKII	>100	39	5	100
PKC α	>500	39	2	100

32

Please cancel the paragraph at page ~~30~~ lines 6-11,
and, in its place, add the following new paragraph:

KB 1-21-10

Although PKC could be assayed perfectly well using the peptide Arg-Arg-Arg-Leu-Ser-Phe-Ala-Glu-Pro Gly (SEQ ID NO:4) (Table 1), this substrate was inferior to other substrates that have been used to assay this protein kinase. This is because PKC prefers basic residues C-terminal to the site of phosphorylation, which